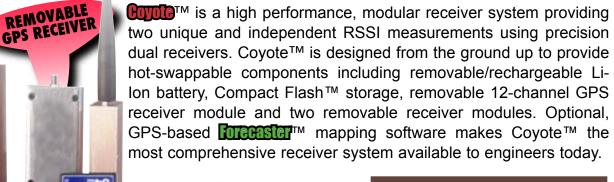




DUAL MODULAR RECEIVER



REMOVABLE REMOVABLE RAA. INCLUAR RECEIVE P. India bury India b

FREQUENCIES

Users may install any two at one time of the frequency modules listed. Custom frequencies are also avaijable upon request.

Wi-MAX
MMDS
ISM
PGS
LMIR
IDEN/SMIR
Gellular
ET/AGS
Paging
WGS
GSM
*custom frequencies
available upon request

FEATURES

- Multiple bands supported including Wi-MAX, Cellular, GSM, LMR, PCS, ISM, WCS, MMDS and more
- Dual modular receivers allow users to swap various bands while in the field
- \bullet High measurement rate, more than twice that of Dr. Lee's recommended 40 λ
- Removable 12-channel/12 satellite GPS modular receiver with active antenna
- Removable rechargeable Li-Ion battery system found on standard PC laptops
- Removable Compact Flash (64MB card included) memory system for data storage
- Captured data output via USB and serial ports for connectivity to any PC
- Optional GPS-based mapping Torcaster™ PC software
- Weighs only 7 pounds fully loaded

Call us today for more information: (732) 548-3737 / Fax: (732) 548-3404 Internet: www.bvsystems.com

Internet: www.bvsystems.com E-mail: info@bvsystems.com







DUAL MODULAR RECEIVER

BANDS SUPPORTED

Wi-MAX: 2.5 or 3.4 GHz MMDS: 2.5-2.7 GHz

ISM: 2.400-2.485 GHz

900-930 MHz

WCS: 2.30-2.36 GHz

PCS: Uplink (Blocks A through F) 1850-1910 MHz

Downlink (Blocks A through F) 1930-1995 MHz

LMR: 805-825 MHz iDEN/SMR: 850-870 MHz Cellular: 824-848 MHz

868-896 MHz

ETACS: 872-905 MHz

915-950 MHz

Paging: 145-165 MHz

450-465 MHz

928-941 MHz

COYOTE OPTIONS AVAILABLE



Order removable GPS and swappable modular receiver combos for a variety of RF studies while still in the field.

Order Yours Today



ForecasterTM is GPS-based coverage validation mapping software that overlays geo-coded RF data onto real maps and generates KML reports for GoogleEarth.



Berkeley's optional 2.5-2.7 GHz high performance omnidirectional antenna includes a magmount with an SMA Male connector perfect for WiMAX drivestudies using the Coyote™ receiver.



SENSITIVITY

-118 to -30 dB <u>+</u> 1 dB (@ 10 kHz IF Bandwidth)

Adj. Chan. Rejection: >45 dB @ 30 kHz

RECEIVER MODES Single Channel

Multiple Channel (user selectable or sweep)

DATA AVERAGING Temporal Spatial

512 measurements/receiver/second 512 measurements/receiver/second

40 Lambda average (user selectable)

GENERAL SPECIFICATIONS

Dual Conversion: 83 MHz 1st IF, 455 kHz 2nd IF

IF Bandwidth: 4 kHz, 10 kHz, 25 kHz, 30 kHz, 50 kHz, 200 kHz (@ 6dB)

Stability: \pm 2.5 PPM Temp range 32° to 120 F°

Phase Noise: > 80 DBC/Hz @ 10 kHz

Antenna: SMA 50 ohm
Controls: 20 button keypad
Warm Up Time: < 3 minutes

Power: Internal 10.8 Volt Li-ion battery (3.6 mA) run time 8 hours

12V jack for external power

USB Port: 12Mbits/s (1.5 Mbyte / sec)

GPS: 12-channel receiver

Weight: 7 lbs.

Dimensions: 3.5" H x 6" W x 7.75" L (water resistant, high impact ABS plastic case)

Approvals: UL, CSA